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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

D. ZAMIR, et al

Serial No.: 10/070,923

Filed: March 13, 2002

For: POLYNUCLEOTIDES ENCODING  
POLYPEPTIDES...

Examiner:

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Group Art Unit: 1638

Attorney  
Docket: 02/23531

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**FORMAL DRAWINGS**

Sir:

We enclose herewith a new set of formal drawings (21 sheets) for the  
above-identified patent application.

Respectfully submitted,

Sol Sheinbein  
Registration No. 25,457  
Attorney for Applicant

Date: November 13, 2002

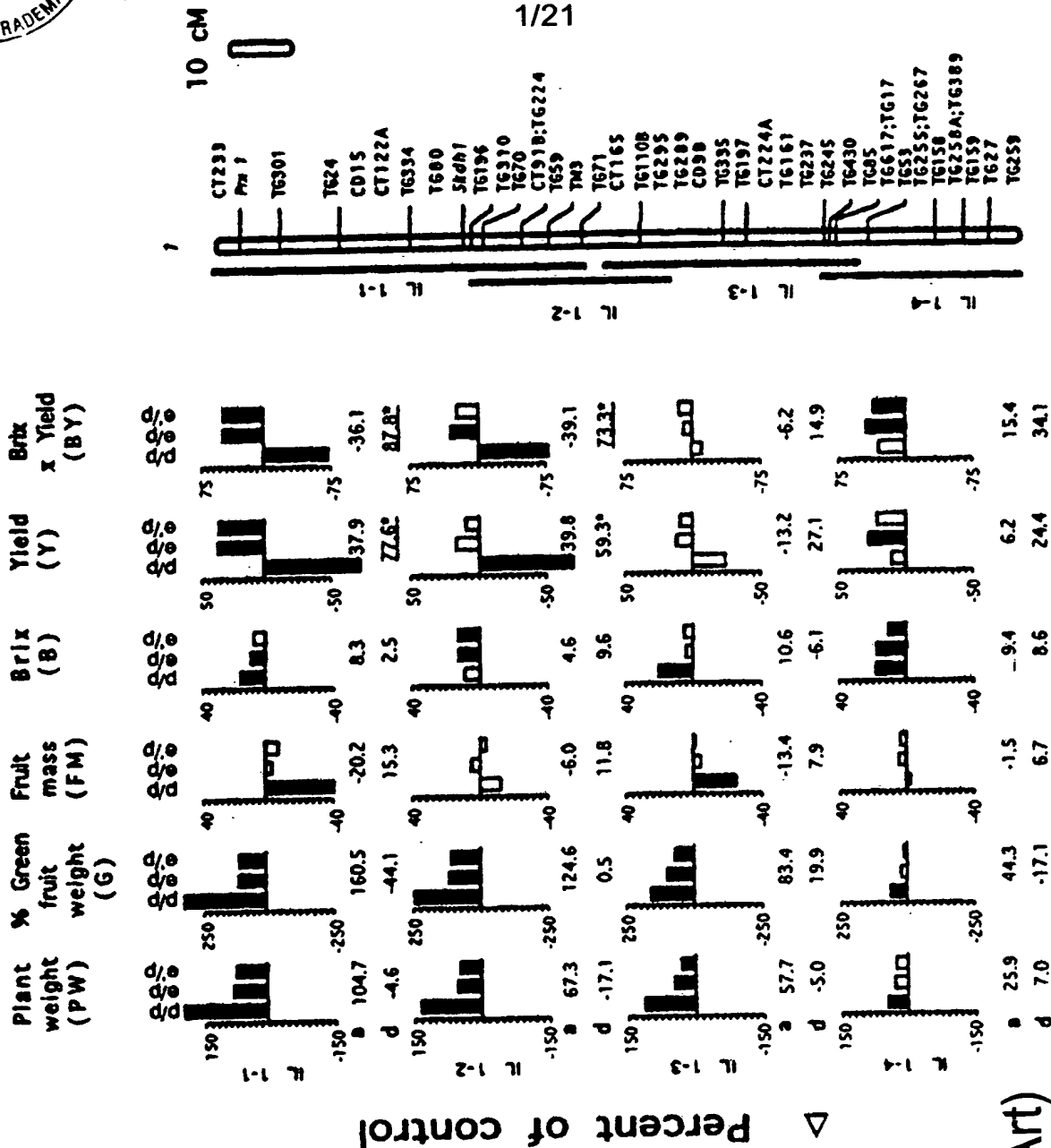


Fig. 1a (Prior Art)

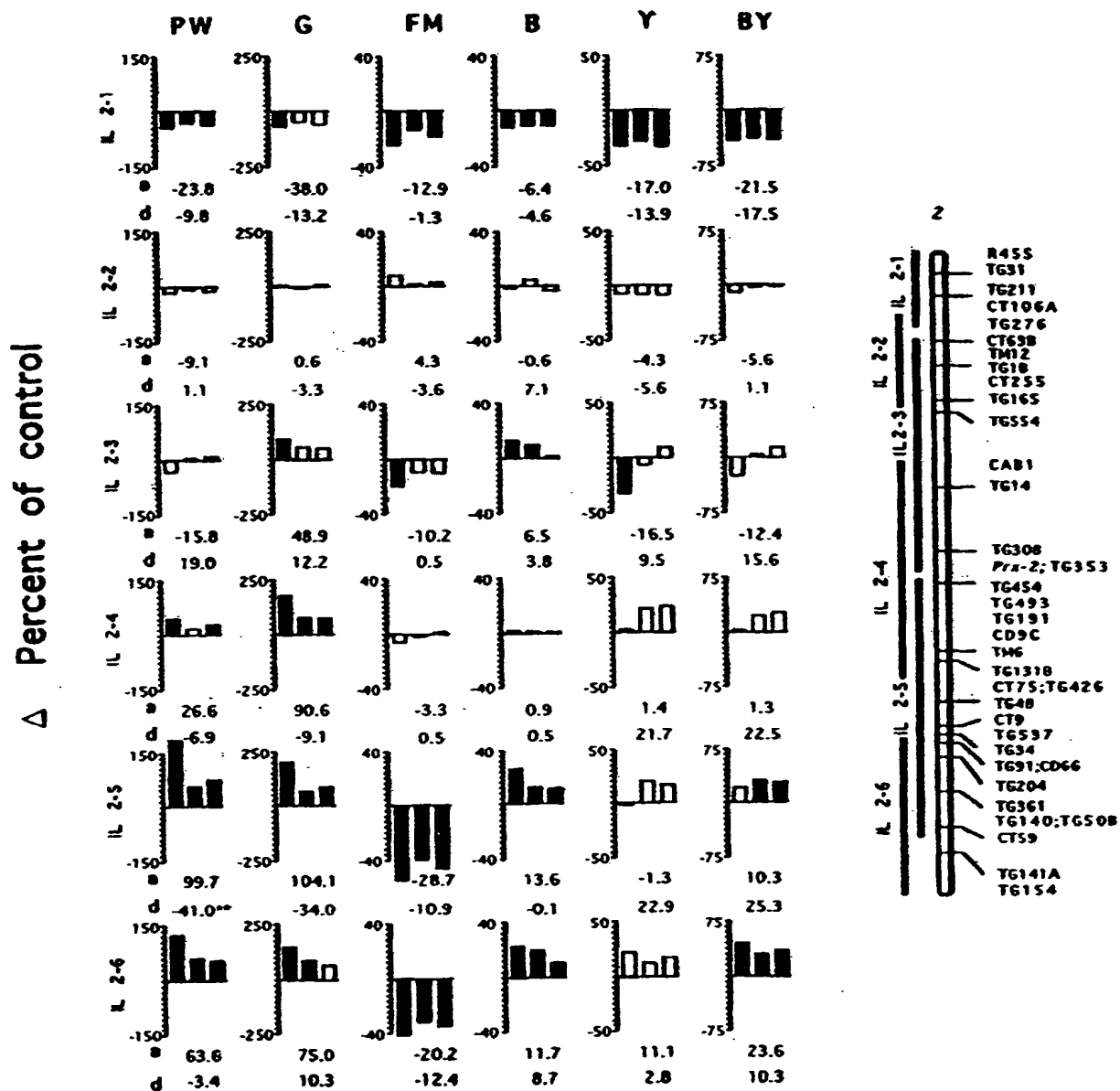


Fig. 1b (Prior Art)

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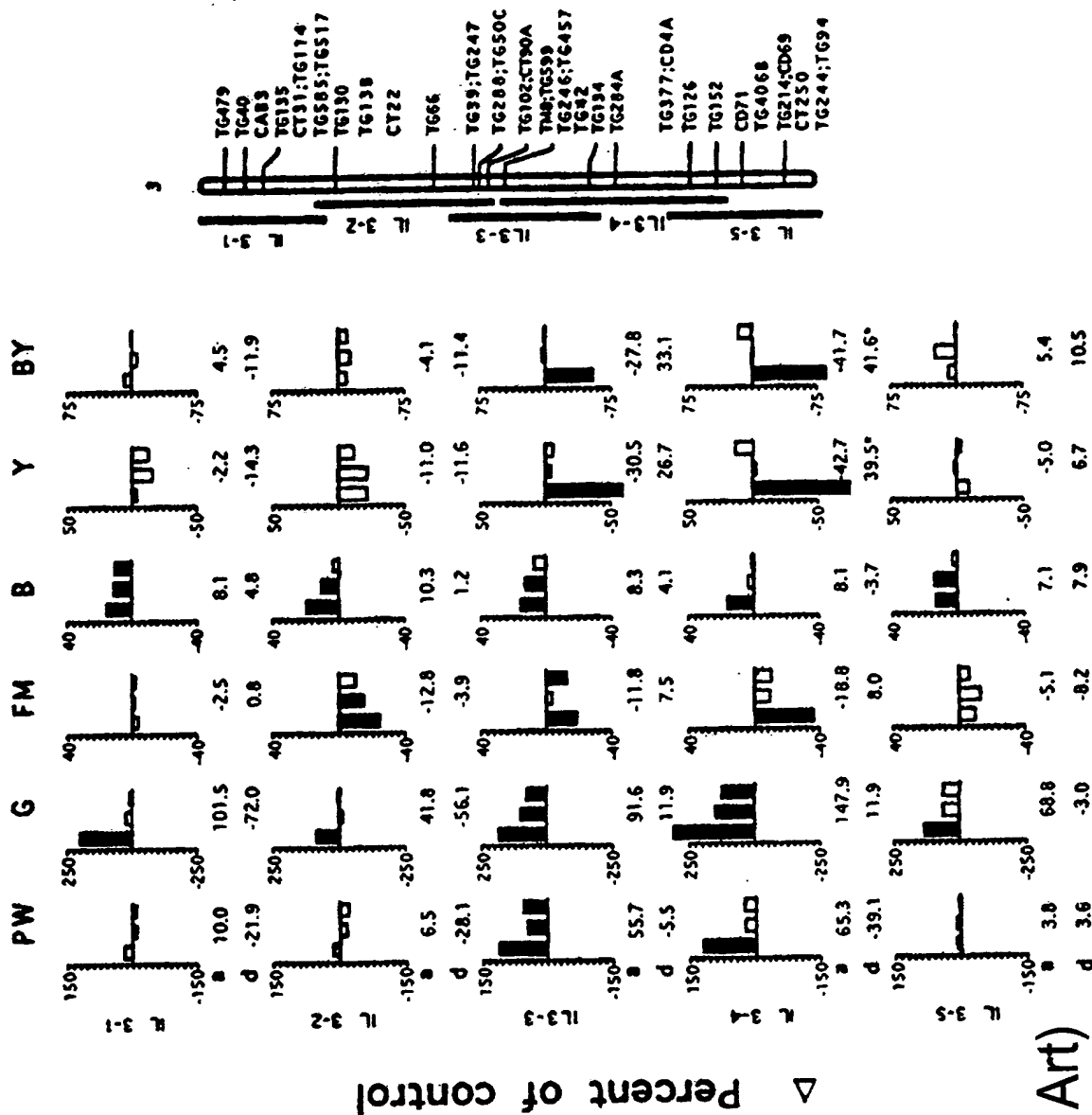


Fig. 1c (Prior Art)

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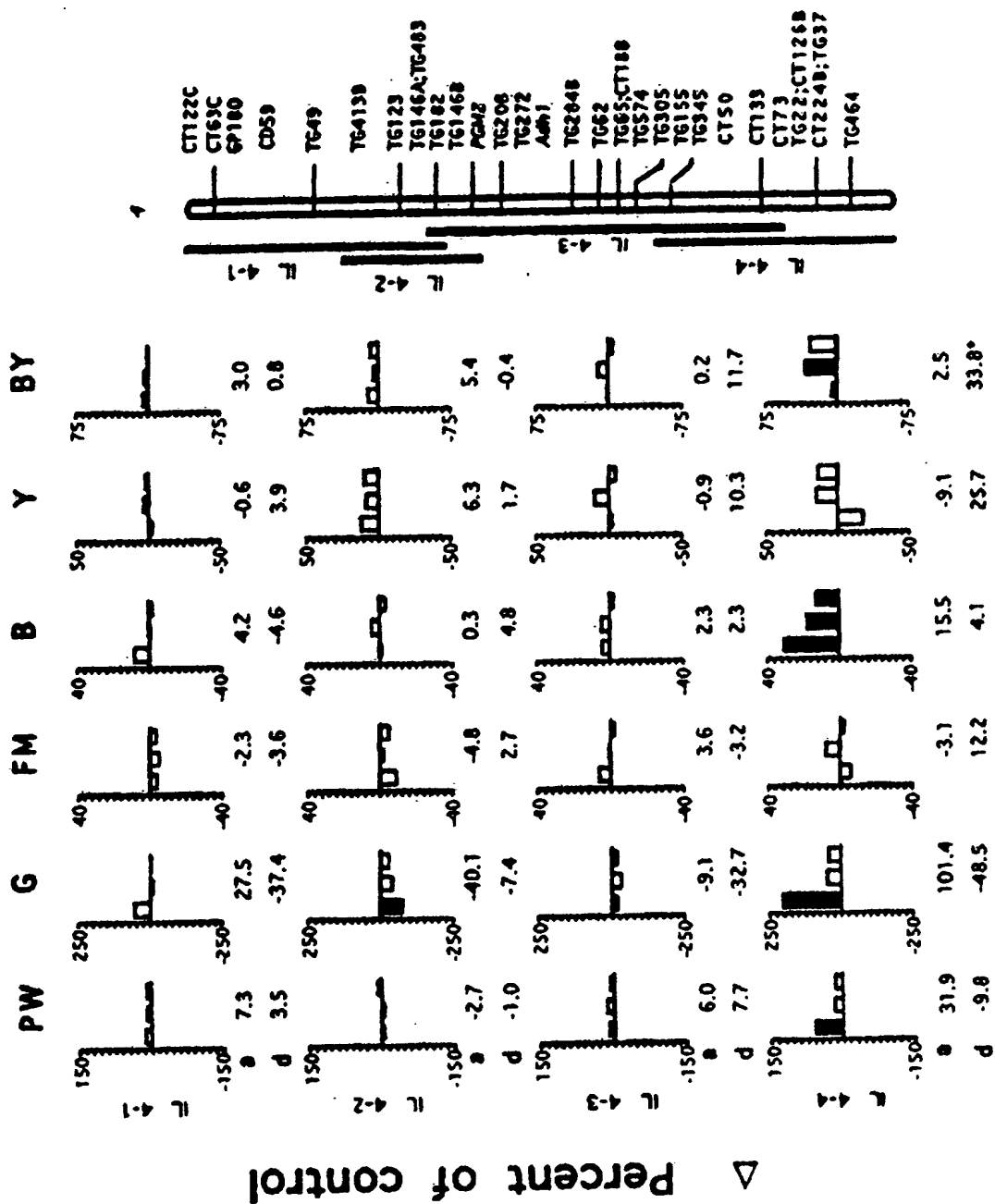


Fig. 1d (Prior Art)

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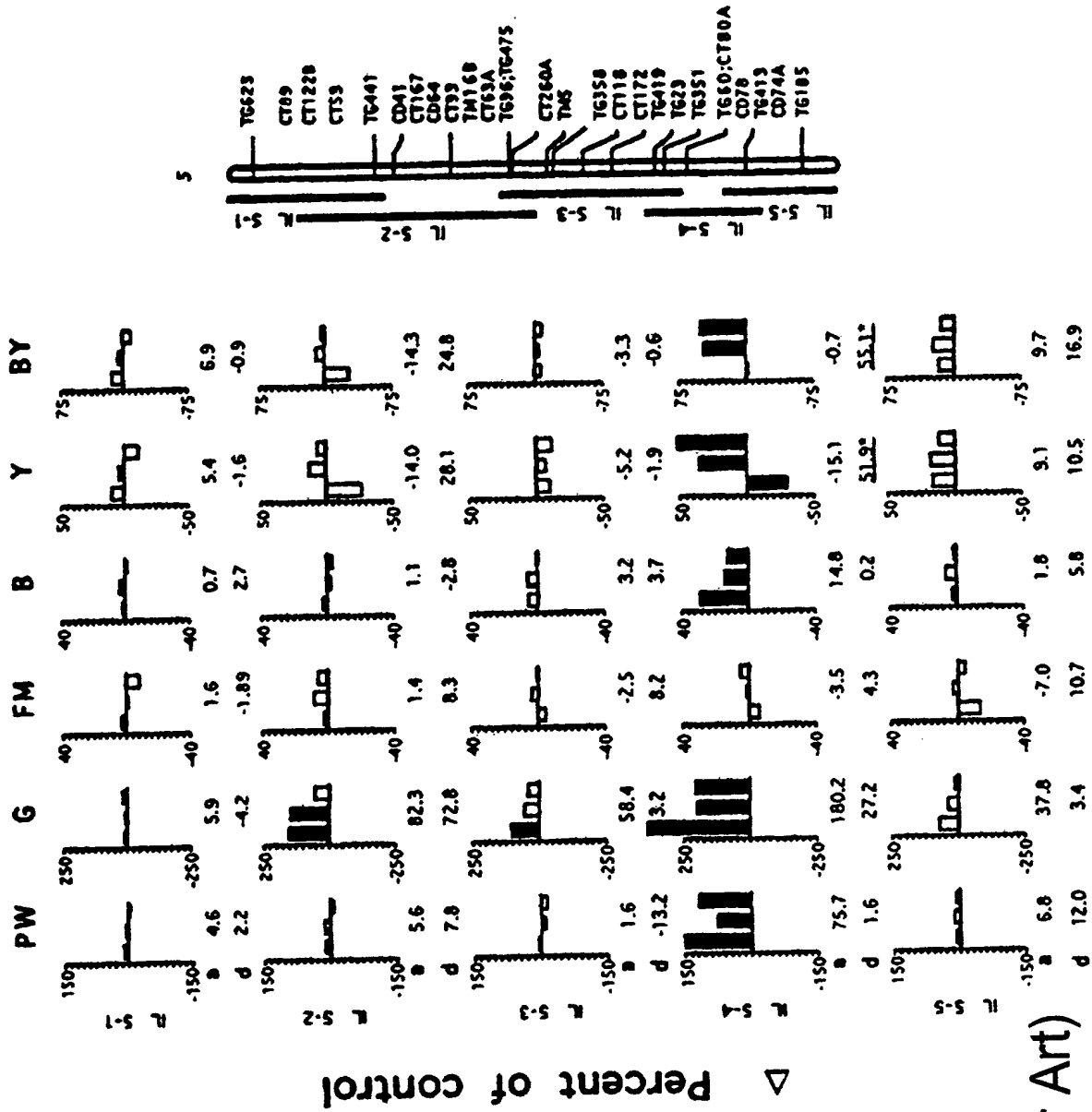


Fig. 1e (Prior Art)

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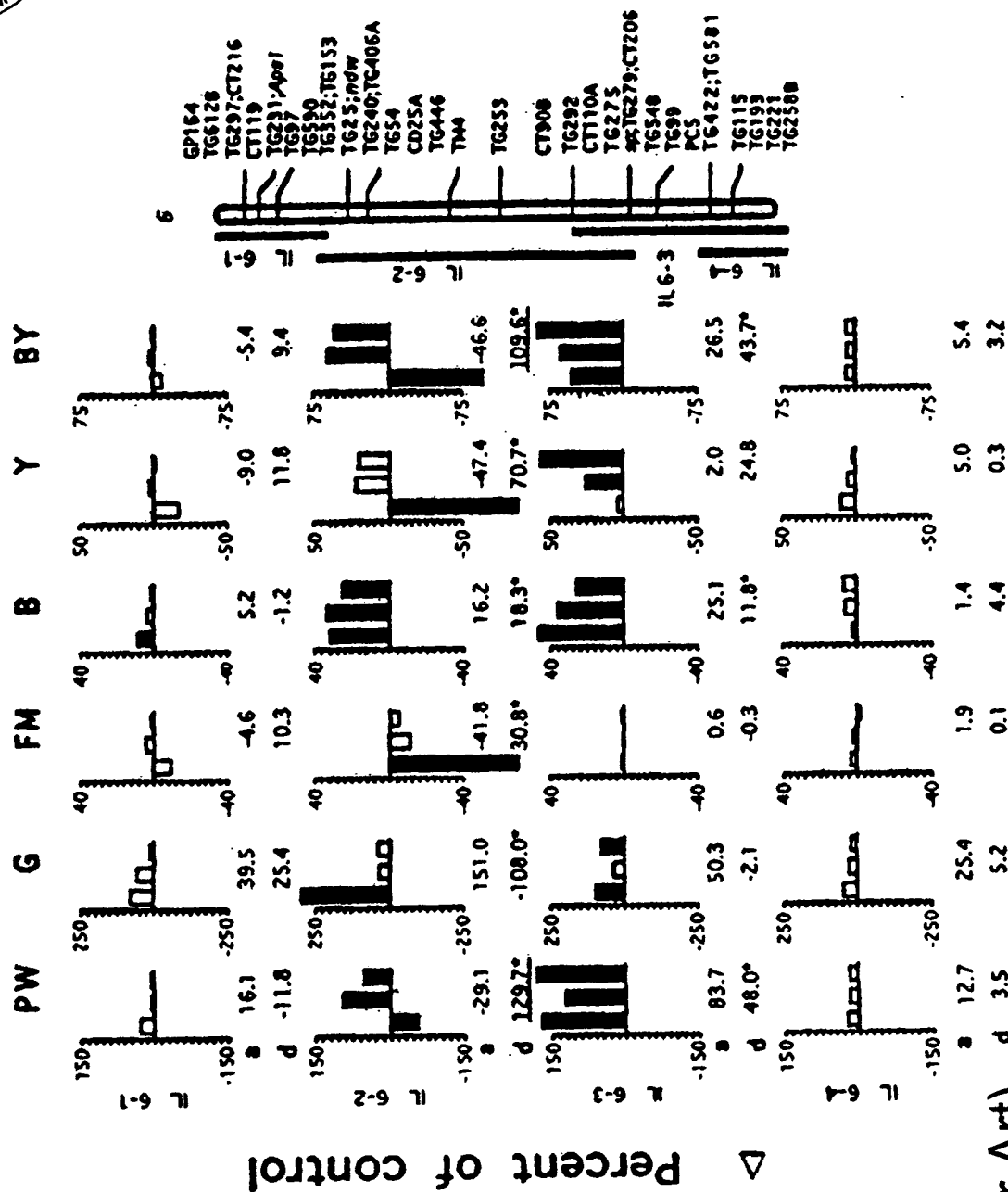
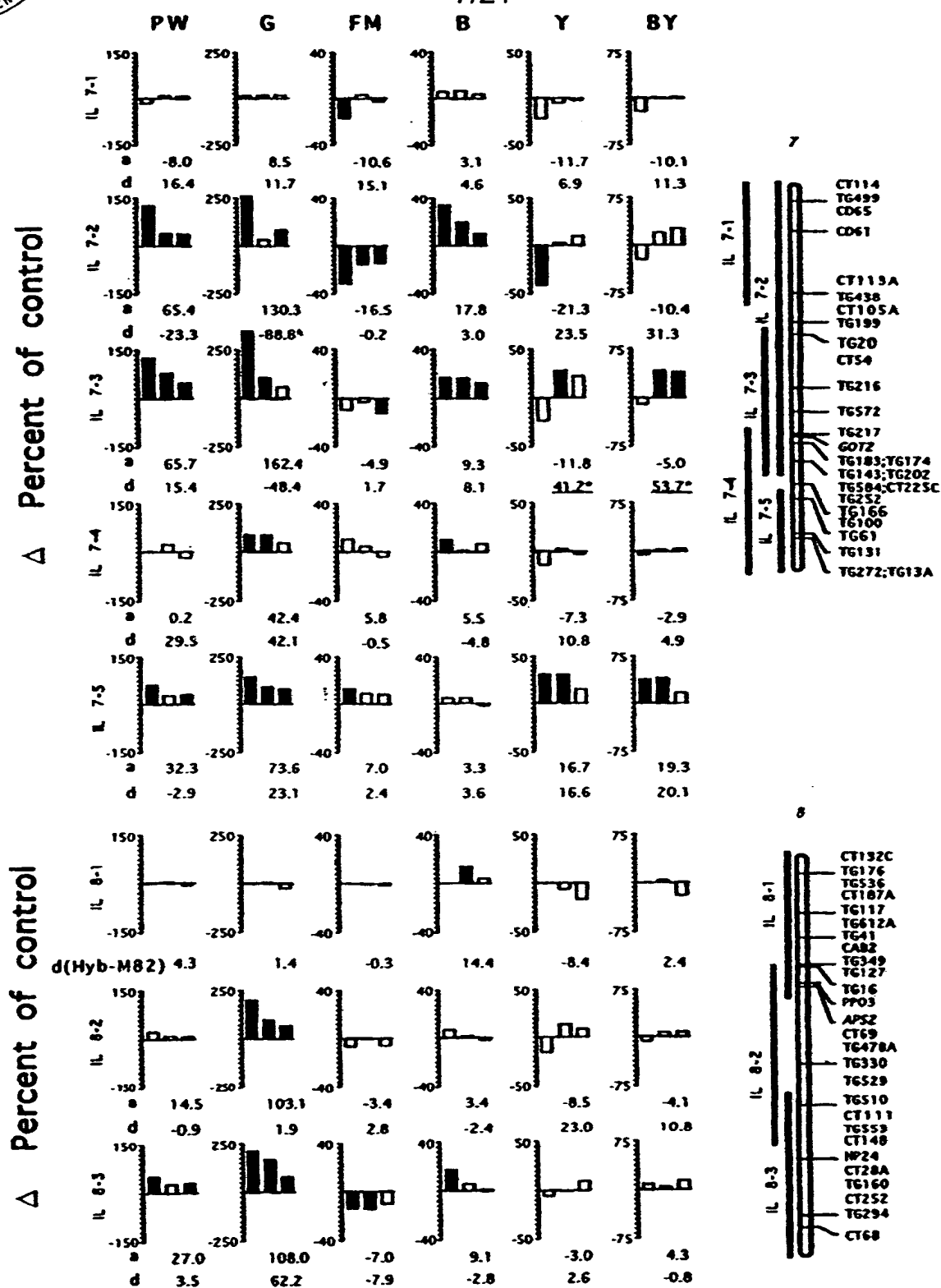


Fig. 1f (Prior Art)

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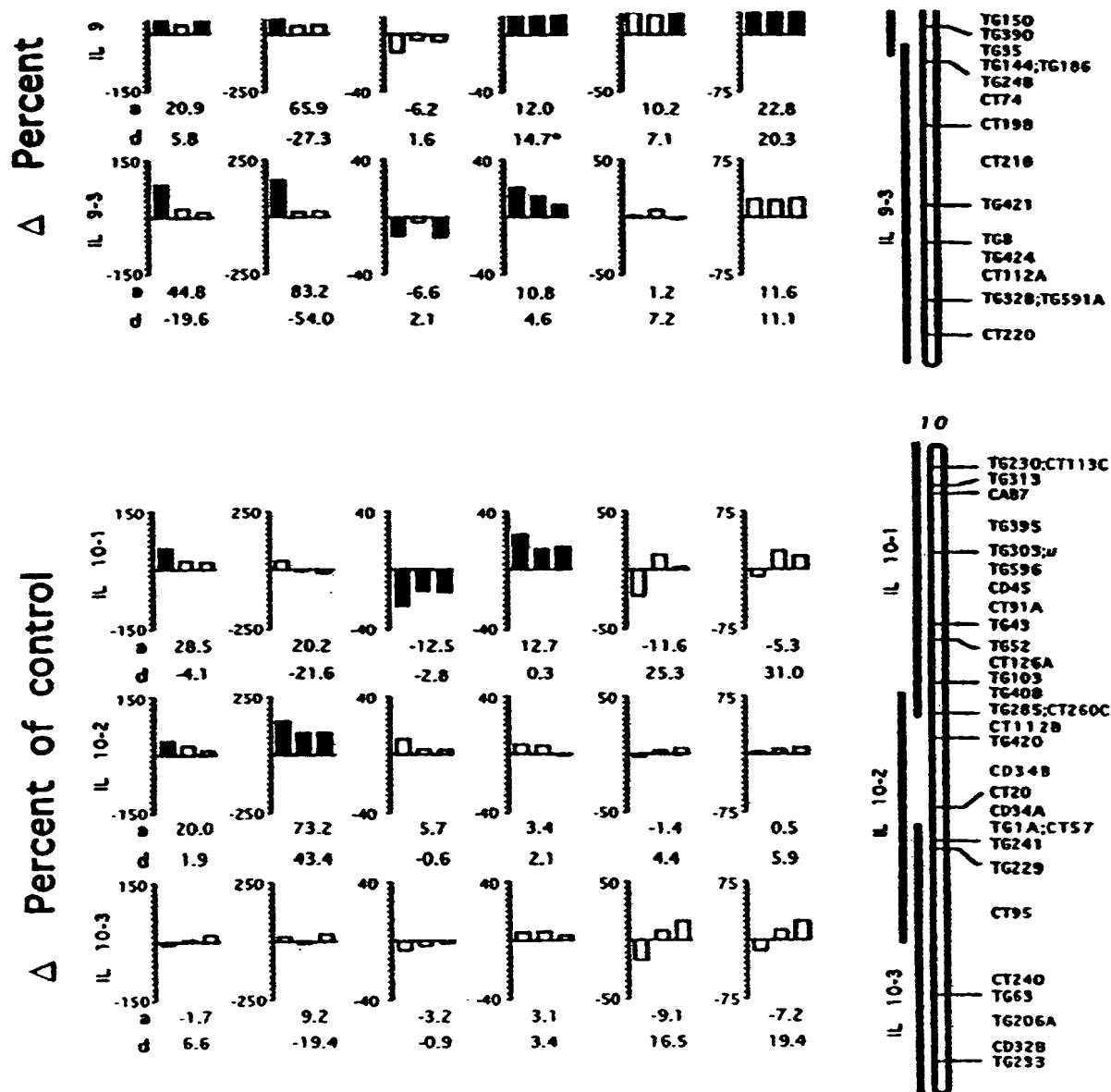


Fig. 1h (Prior Art)

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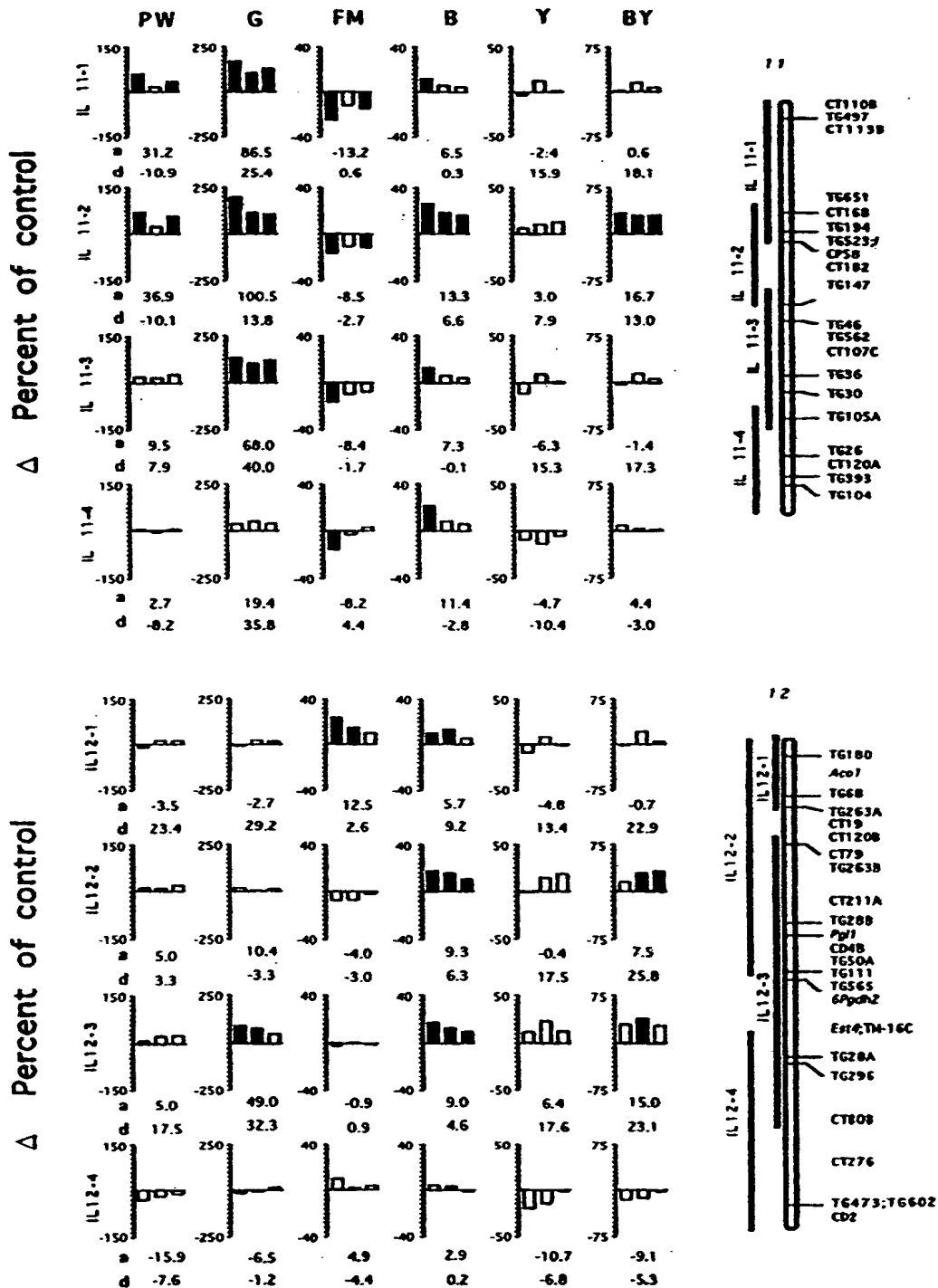


Fig. 1i (Prior Art)

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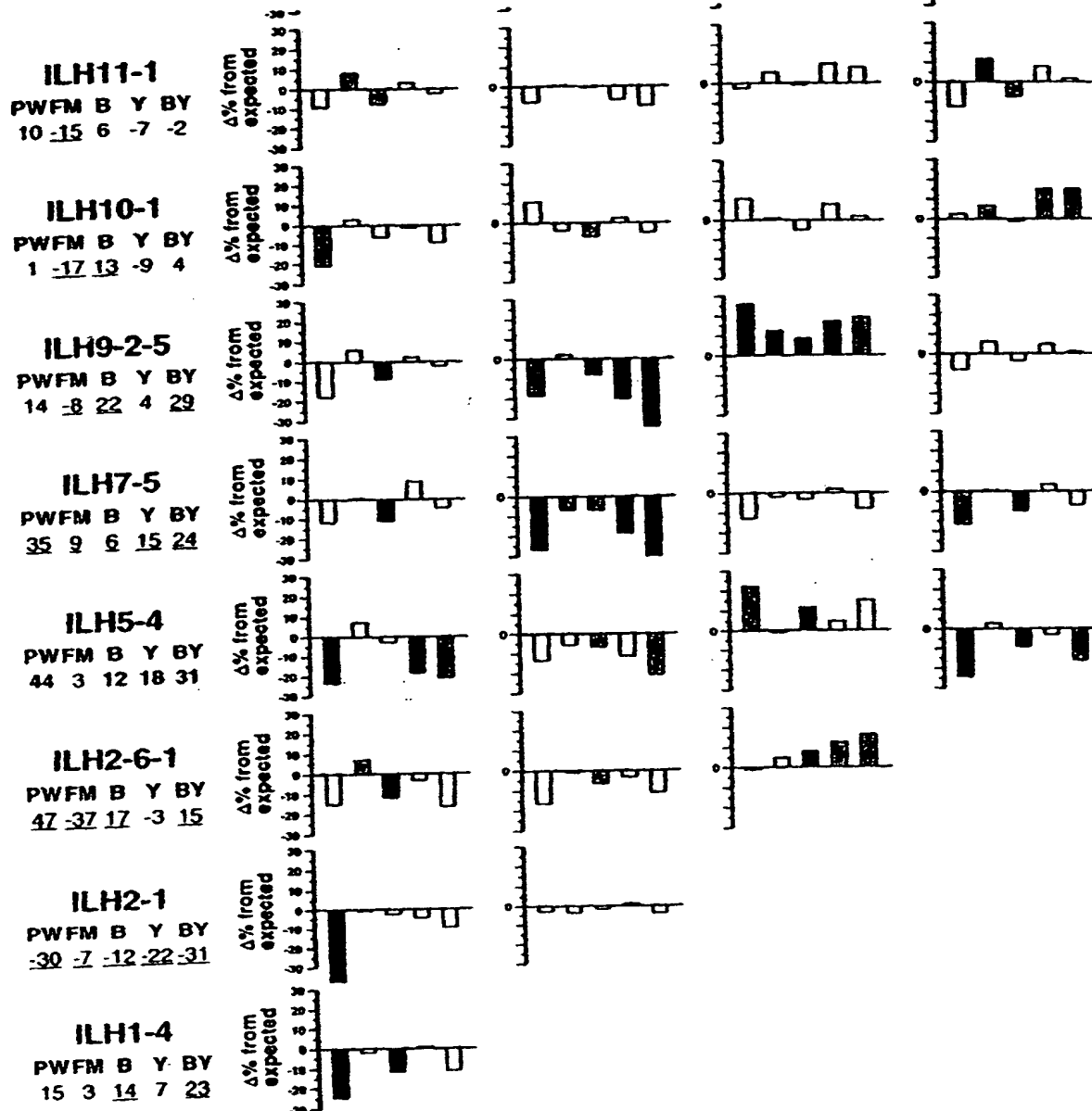


Fig. 2 (Prior Art)



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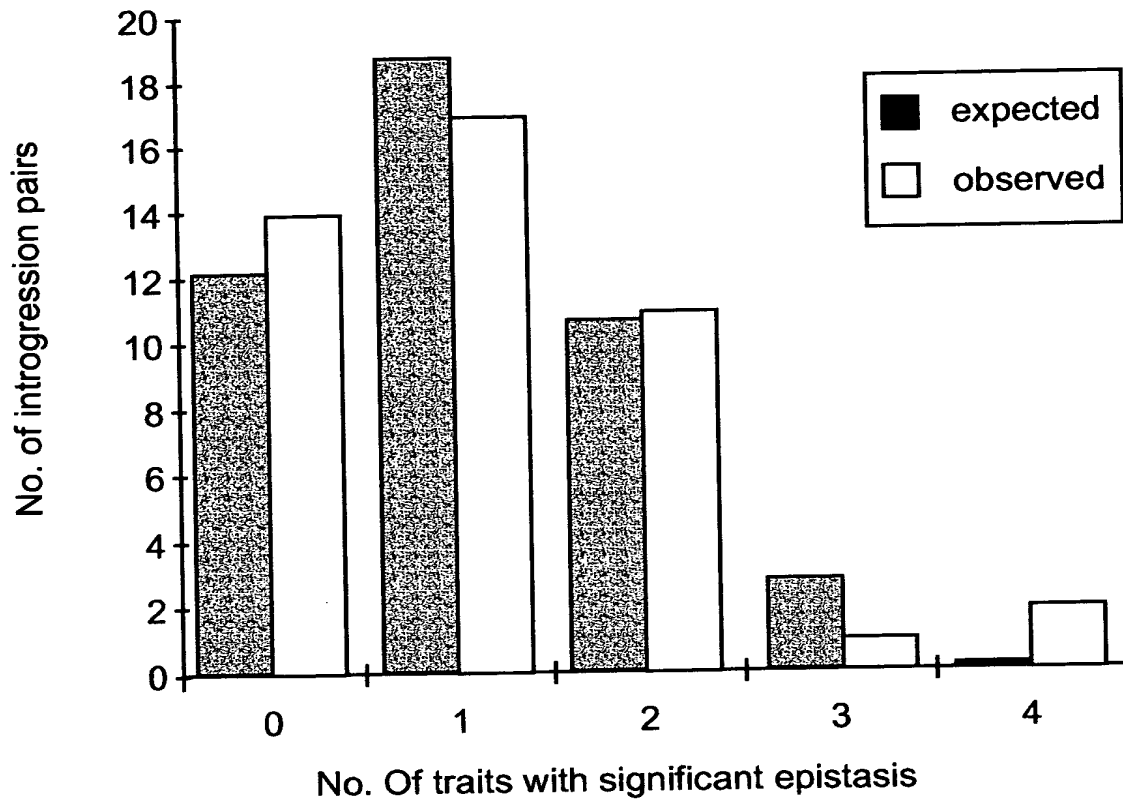


Fig. 3 (Prior Art)

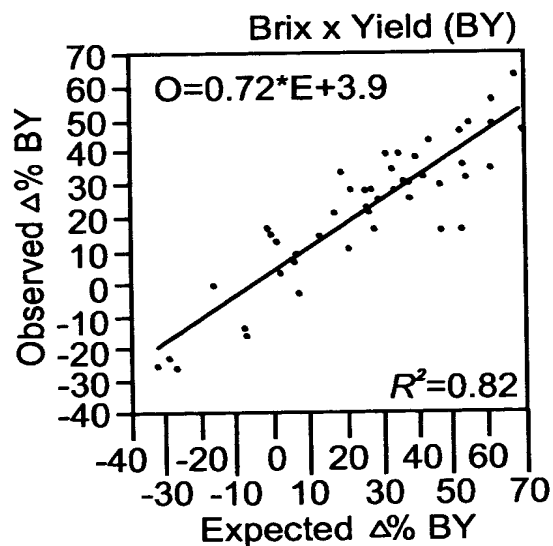
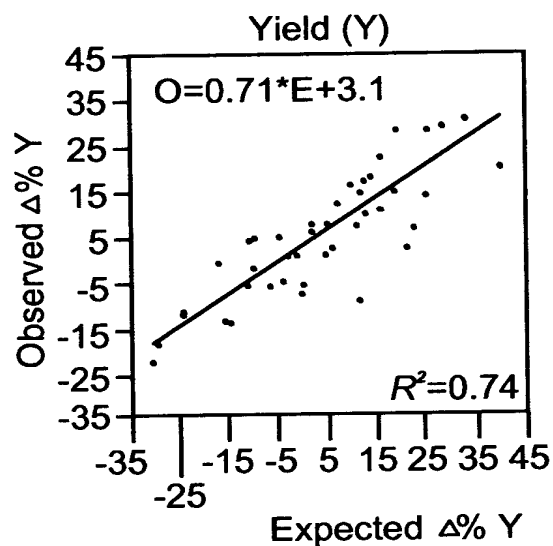
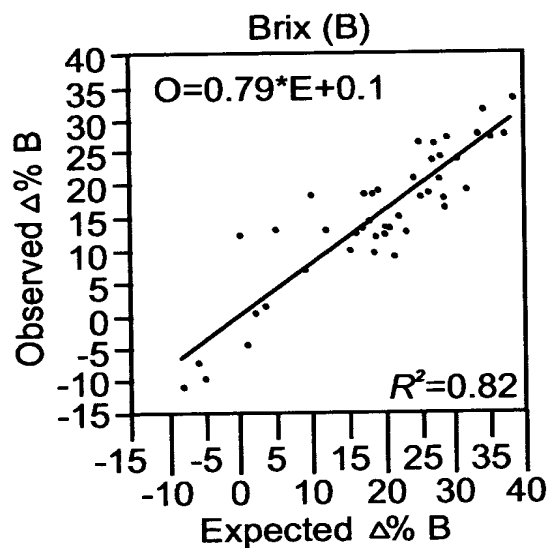
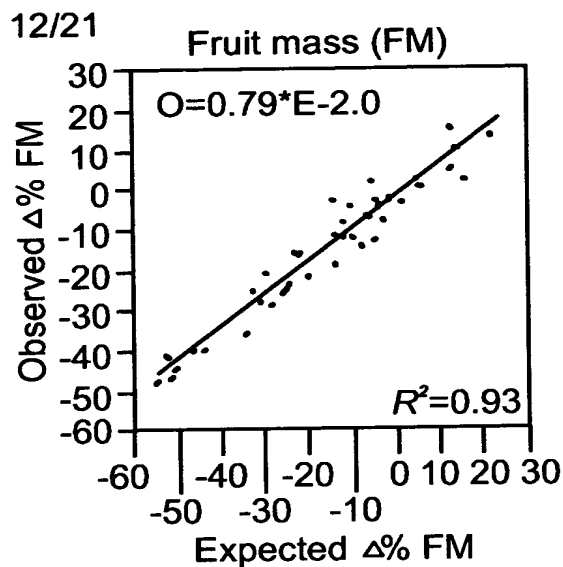
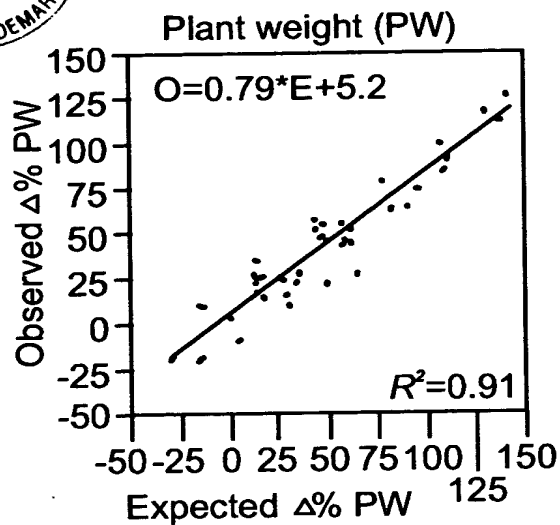


Fig. 4 (Prior Art)

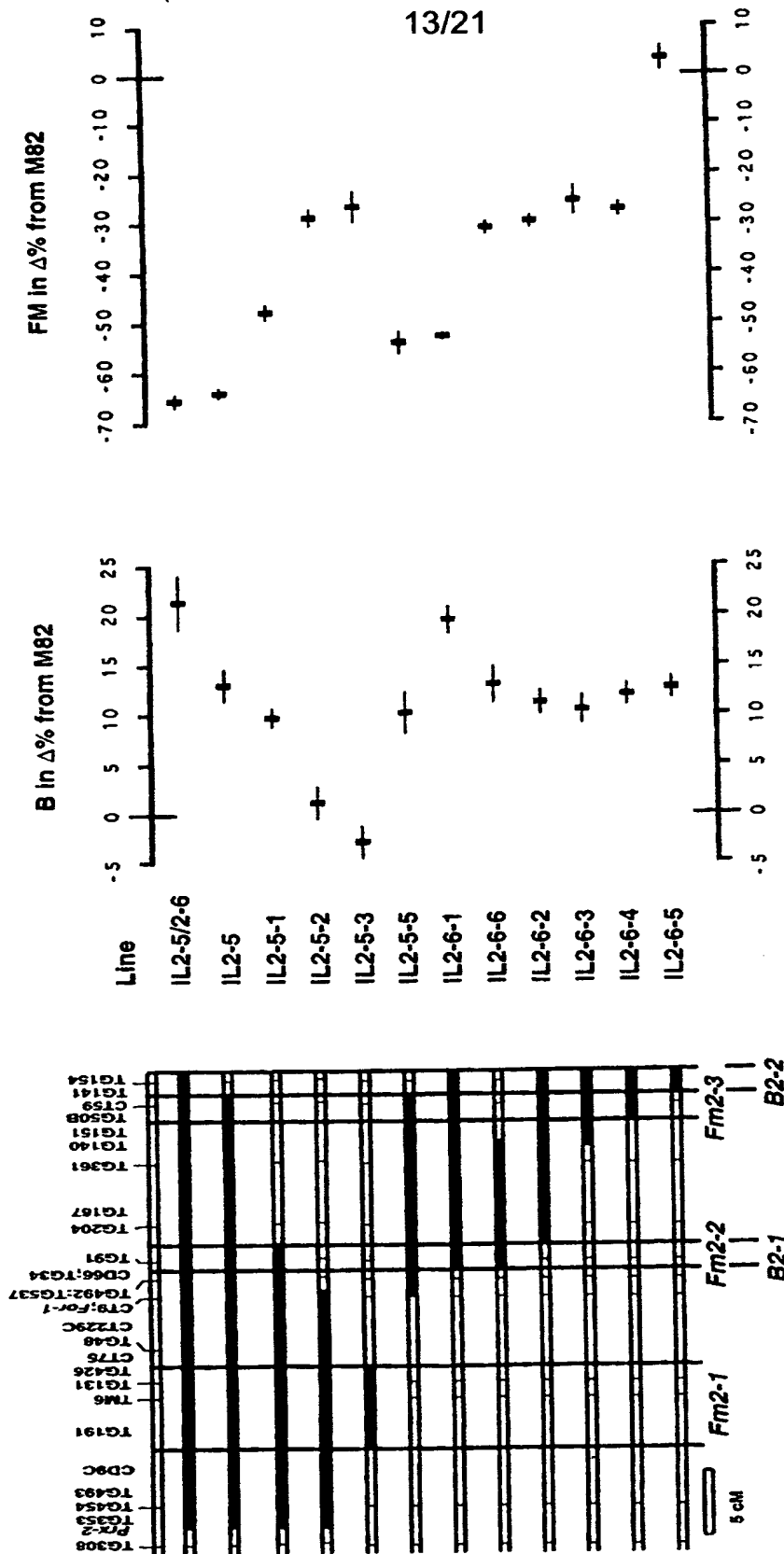


Fig. 5 (Prior Art)

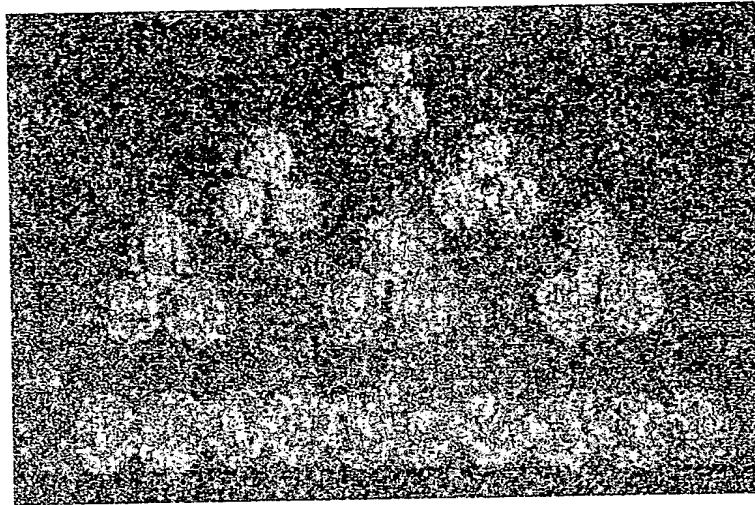


Fig. 6 (Prior Art)

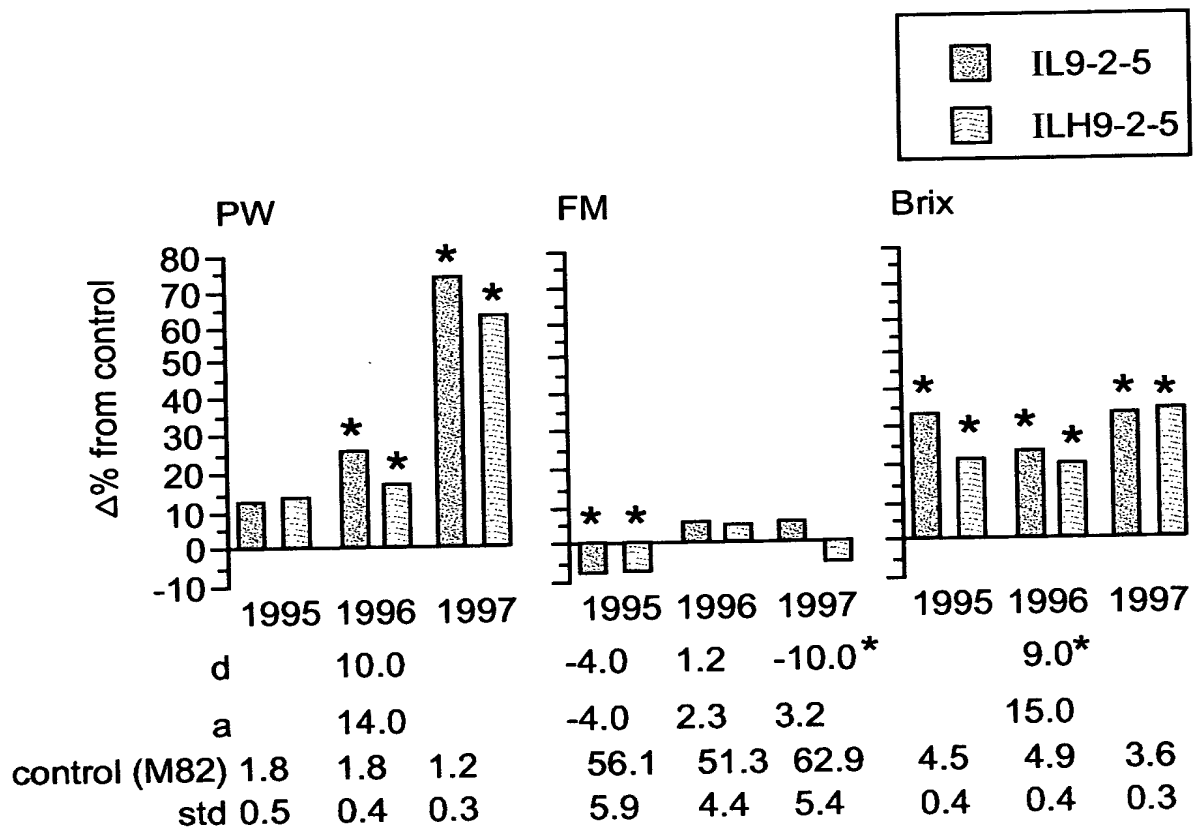


Fig. 7

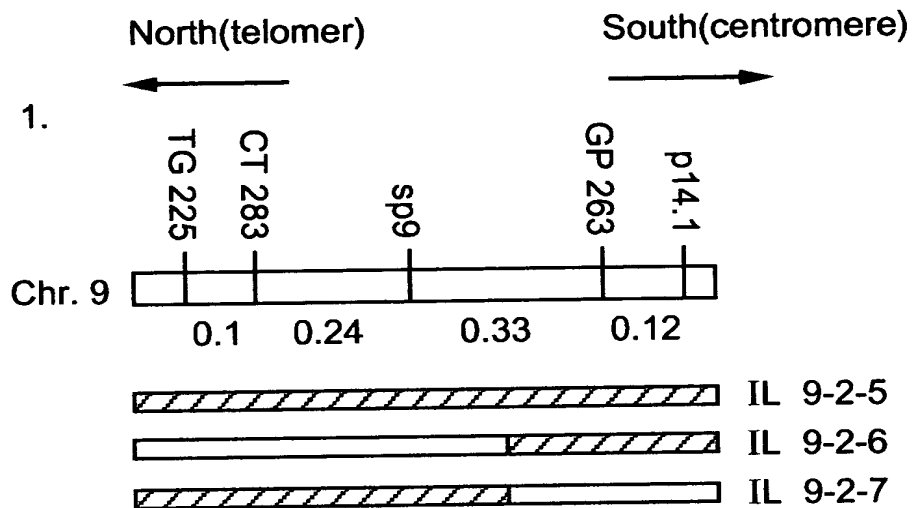


Fig. 8a

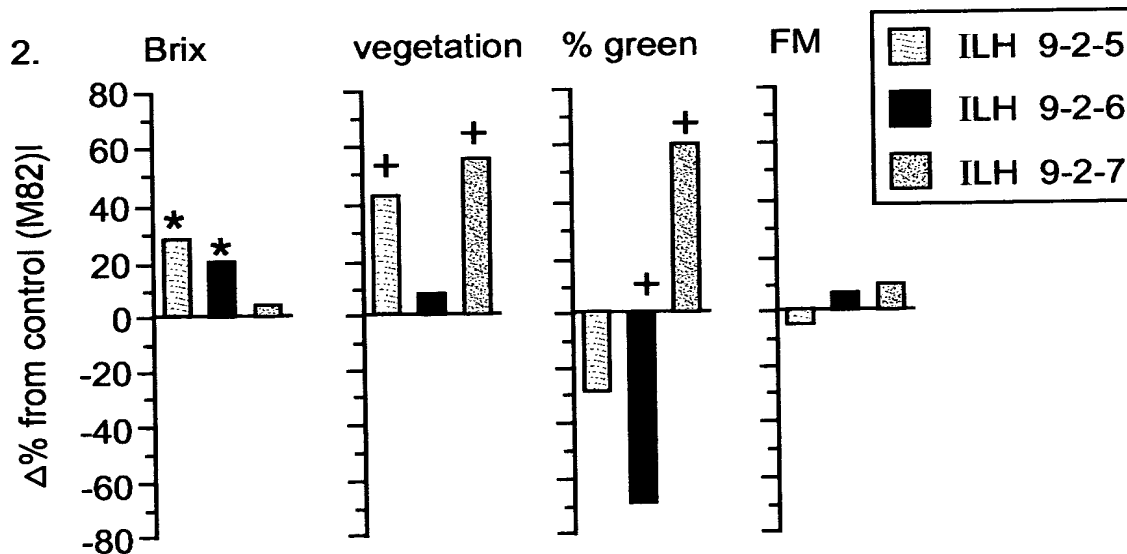


Fig. 8b





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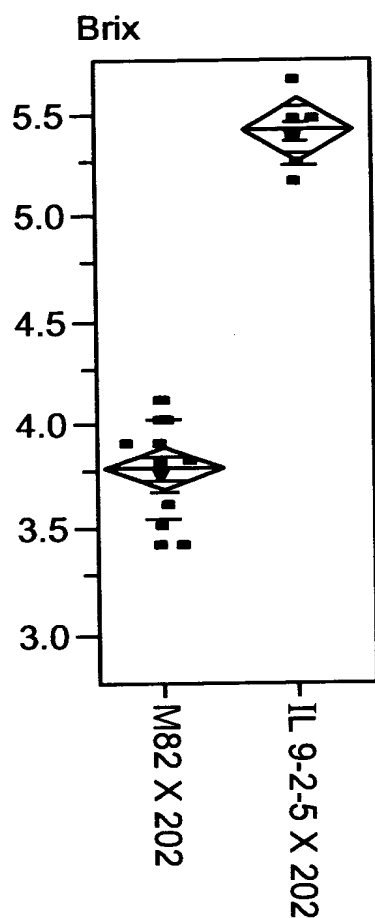


Fig. 9

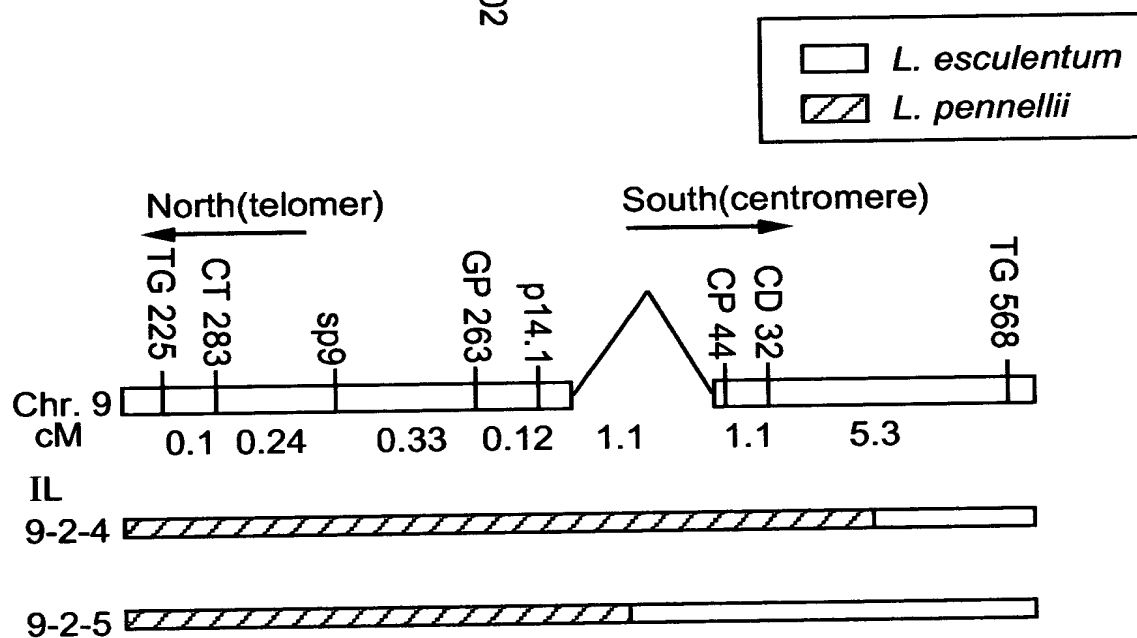


Fig. 10



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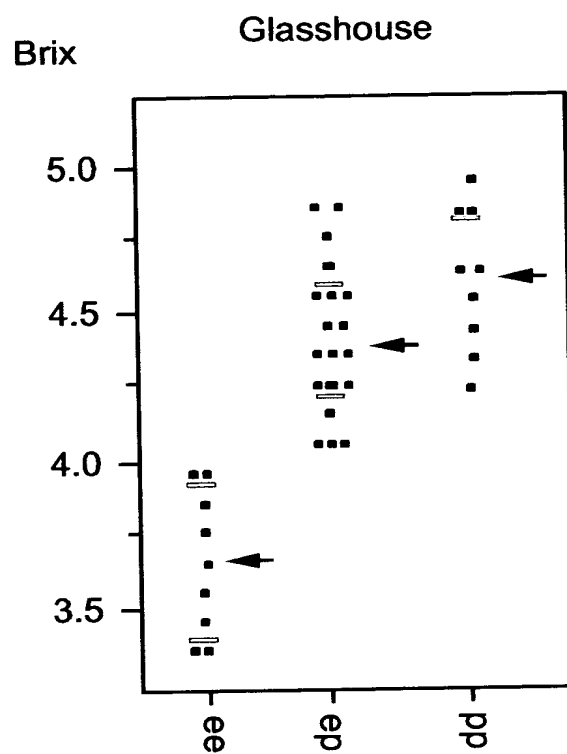


Fig. 11



a % Soluble  
solids  
concentration  
(Brix)

Open-field

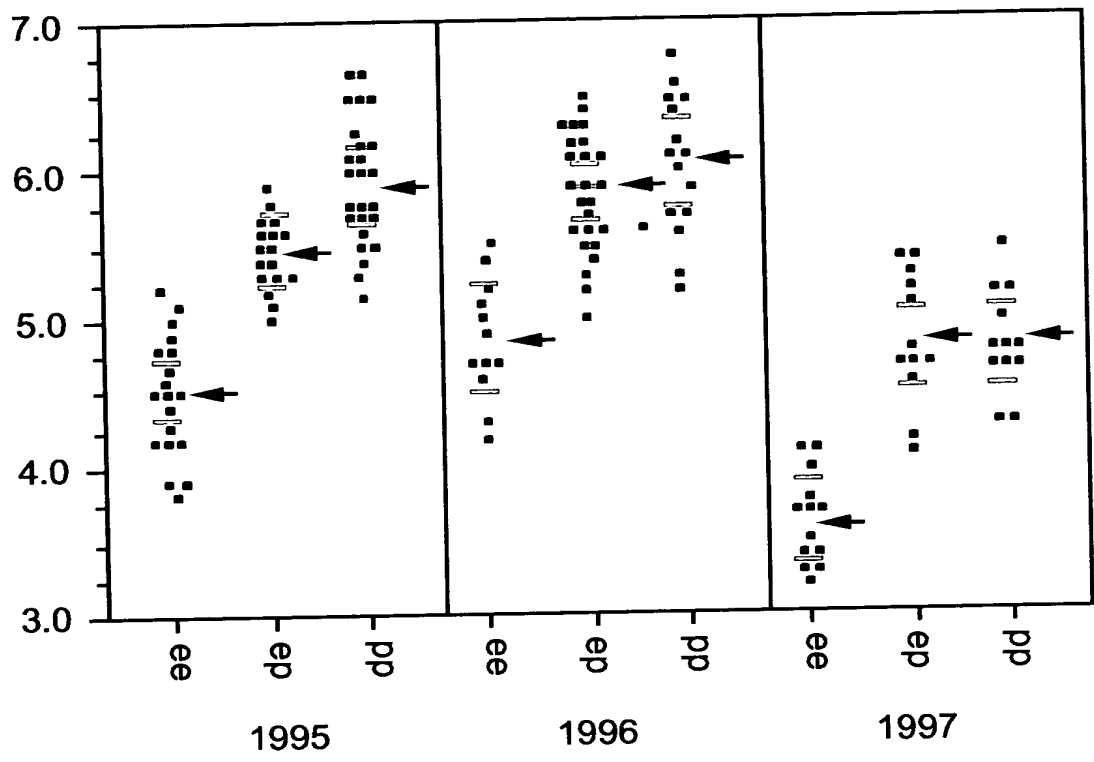


Fig. 12



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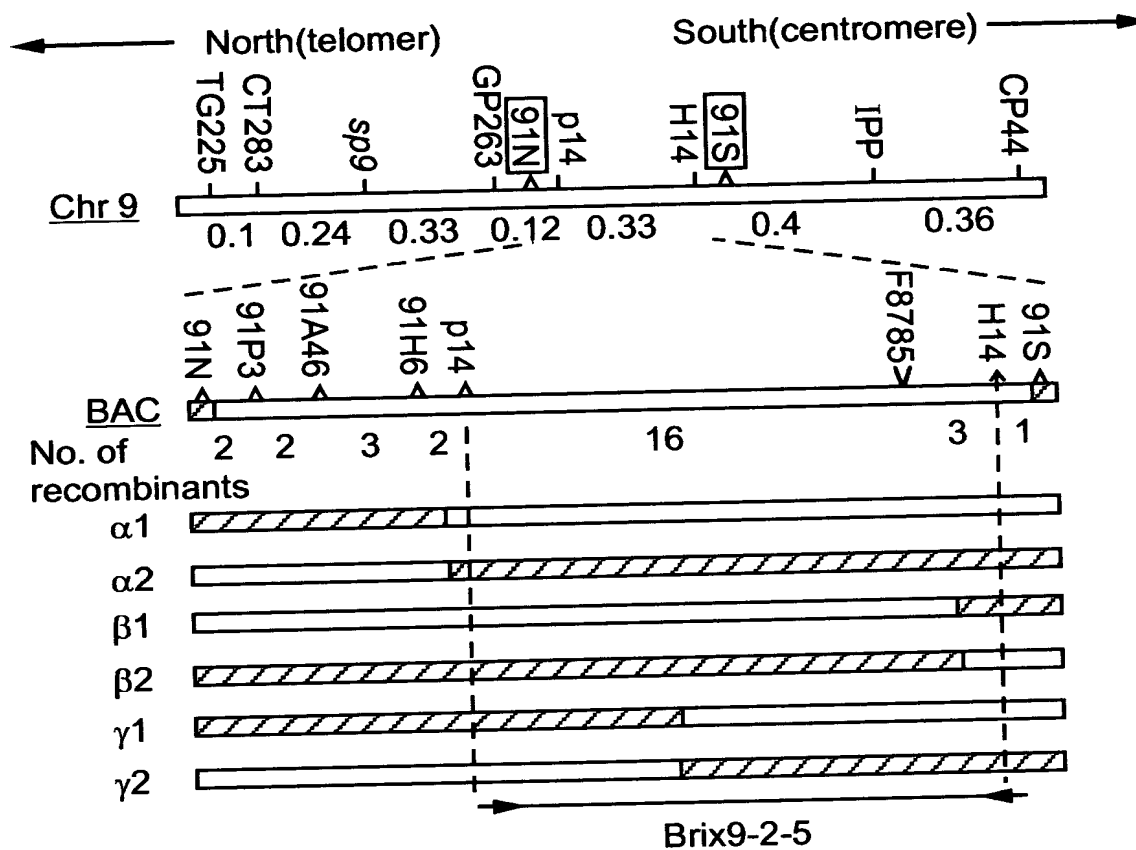


Fig. 13



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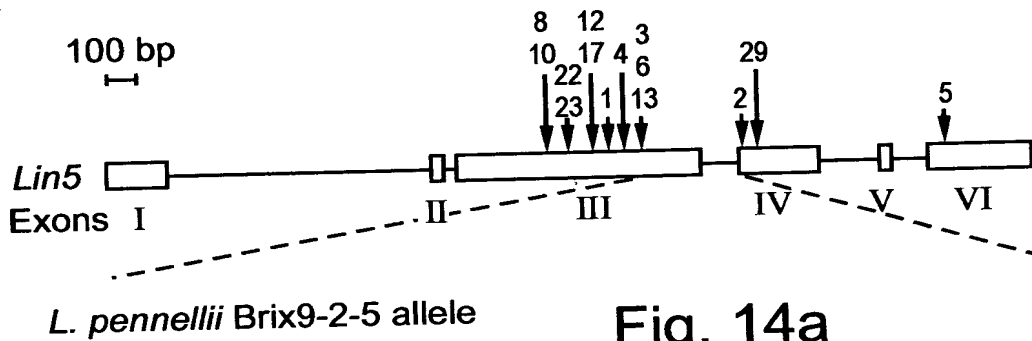
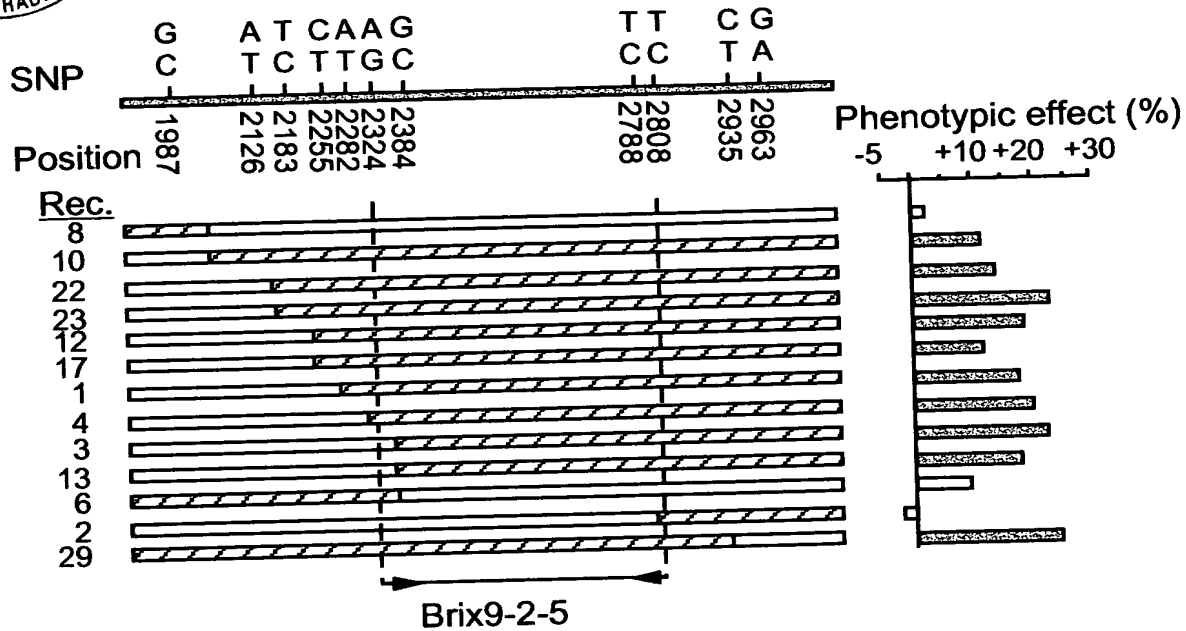


Fig. 14a

2301 GACTATGGTA ATTTCTATGC ATCAAAGACA TTCTATGATC CTAGCAGAAA

2351 TCGAAGGGTT ATTTGGGGTT GGTCAAATGA ATCGGATGTA TTACCTGACG

2401 ATGATATTAA GAAAGGATGG GCTGGAATTC AAGGTATTCC GCGACAAGTA

2451 TGGCTAGACC TTAGTGGTAA ACAATTAGTT CAATGGCCTA TTGAAGAATT

2501 AGAAACCTTA AGGAAGCAAA AGGTCCAATT GAACAACAAG AAGTTGAGCA

2551 AGGGAGAAAT GTTGAAGTT AAAGGAATCT CAGCATCACA GGTTCACACT

2601 TTTACTTATT AACCCATAGT CTTTAAATA TCATTAACTT AGTTCCTATT

2651 TATACATGT ATAATCAATG TATAACTATT ATATCAATTG CACATGATCG

2701 ATCGATATAT ATATAGTAGA TTGATTATAC ATTTGTTATA TATATCTATT

2751 ATATCAATTG CACTGTCTCA TCTTGCAATTT CTTTGAATTGT AGGCTGATGT

2801 TGAAGTGTTA TTCTCATTTT CAAGTTTAAA CAAGGCCGAA CAATTTGATC

Fig. 14b



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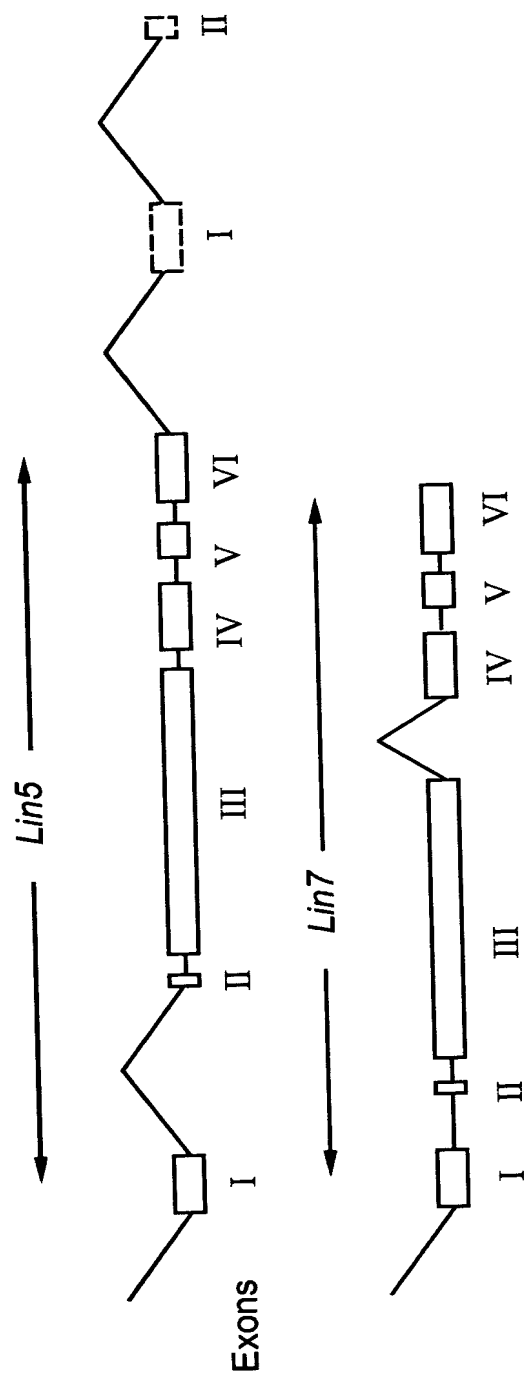


Fig. 15